

Title (en)  
Adhesive composition

Title (de)  
Klebezusammensetzung

Title (fr)  
Composition adhésive

Publication  
**EP 1471104 A1 20041027 (EN)**

Application  
**EP 04396023 A 20040329**

Priority  
FI 20030466 A 20030328

Abstract (en)  
Adhesive composition comprises (wt.%) resin (40-80), a filler (5-30), a foaming agent (0.1-10) and a solvent (0-40). The foaming agent is an organic and/or inorganic surface-active sulfate, sulfonate, phosphate or phosphonate compound and/or their derivatives. The adhesive composition is foamable.

IPC 1-7  
**C08J 9/30; C09J 5/08**

IPC 8 full level  
**C08J 9/30** (2006.01); **C09J 5/08** (2006.01); **C08L 61/00** (2006.01)

CPC (source: EP FI US)  
**C08J 9/30** (2013.01 - EP FI US); **C09J 5/08** (2013.01 - EP FI US); **C08J 2361/00** (2013.01 - EP US); **C08L 61/00** (2013.01 - EP US);  
**C09J 2461/00** (2013.01 - EP US)

Citation (search report)  
• [XA] FR 1243411 A 19601014 - LITTLE INC A  
• [X] US 4172067 A 19791023 - BENTON RICHARD E [US], et al

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**EP1724297A1**

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1471104 A1 20041027; EP 1471104 B1 20081008**; AT E410469 T1 20081015; AU 2004224108 A1 20041007; AU 2004224108 B2 20091203; BR PI0408810 A 20060411; CA 2519818 A1 20041007; CA 2519818 C 20120529; CN 1761701 A 20060419; CN 1761701 B 20130116; DE 602004016907 D1 20081120; DK 1471104 T3 20090209; ES 2314360 T3 20090316; FI 20030466 A0 20030328; FI 20030466 A 20040929; MX PA05010024 A 20060317; NZ 542041 A 20081128; PL 1471104 T3 20090430; PT 1471104 E 20081205; RU 2005133186 A 20060310; RU 2345103 C2 20090127; US 2006247345 A1 20061102; WO 2004085521 A1 20041007

DOCDB simple family (application)  
**EP 04396023 A 20040329**; AT 04396023 T 20040329; AU 2004224108 A 20040326; BR PI0408810 A 20040326; CA 2519818 A 20040326; CN 200480007605 A 20040326; DE 602004016907 T 20040329; DK 04396023 T 20040329; ES 04396023 T 20040329; FI 20030466 A 20030328; FI 2004000177 W 20040326; MX PA05010024 A 20040326; NZ 54204104 A 20040326; PL 04396023 T 20040329; PT 04396023 T 20040329; RU 2005133186 A 20040326; US 54954404 A 20040326